



40 CFR 60 SUBPART OOOOa | ANNUAL REPORT  
REPORTING PERIOD: 8/2/17 to 8/1/18

Affected Facility:

Well Completions

A green well completion with hydraulic fracturing or refracturing occurring at a gas well affected facility. Each gas well affected facility is a single natural gas well.

Well Identification

Hemlock Valley (05-265) 4H

API Well Number:

37-015-23355-00-00

Latitude:

41.832512

Longitude:

-76.190445

Well Category (select from list):

Production

Primary Compliance Method

(select from list):

Reduced emissions completion



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Daily Completion Log

Date	Duration of flowback (hours)	Duration of recovery to the flow line (hours)	Duration of combustion (hours)	Duration of venting (hours)*	Comments
4/6/2018	15.0	15.0	0.0	0.0	Separation Flowback Period begins: 9:01 AM
4/7/2018	24.0	24.0	0.0	0.0	
4/8/2018	24.0	24.0	0.0	0.0	
4/9/2018	24.0	24.0	0.0	0.0	
4/10/2018	24.0	24.0	0.0	0.0	
4/11/2018	24.0	24.0	0.0	0.0	
4/12/2018	24.0	24.0	0.0	0.0	
4/13/2018	24.0	24.0	0.0	0.0	
4/14/2018	24.0	24.0	0.0	0.0	
4/15/2018	24.0	24.0	0.0	0.0	
4/16/2018	24.0	24.0	0.0	0.0	
4/17/2018	24.0	24.0	0.0	0.0	
4/18/2018	12.5	12.5	0.0	0.0	Well Shut-in: 7:31 AM
					Separation Flowback Period begins: 12:01 PM
					Well Shut-in: 2:01 PM
4/19/2018	17.8	17.8	0.0	0.0	Separation Flowback Period begins: 6:01 PM
					Well Shut-in: 6:05 PM
					Separation Flowback Period: 9:01 PM
4/20/2018	9.0	9.0	0.0	0.0	Well Shut-in: 11:01 AM
					Separation Flowback Period begins: 2:01 PM
					Well Shut-in: 5:31 PM
4/20/2018	9.0	9.0	0.0	0.0	Separation Flowback Period: 8:46 PM
					Well Shut-in, turned over to production: 9:01 AM



REP/01

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REPORTING PERIOD: 8/2/17 to 8/1/18

Affected Facility:

Well Completions

A green well completion with hydraulic fracturing or refracturing occurring at a gas well affected facility. Each gas well affected facility is a single natural gas well.

Well Identification

Hemlock Valley (05-265) 5H

API Well Number:

37-015-23356-00-00

Latitude:

41.832638

Longitude:

-76.190233

Well Category (select from list):

Production

Primary Compliance Method

(select from list):

Reduced emissions completion



Daily Completion Log

Date	Duration of flowback (hours)	Duration of recovery to the flow line (hours)	Duration of combustion (hours)	Duration of venting (hours)*	Comments
4/23/2018	9.0	9.0	0.0	0.0	Separation Flowback Period begins: 3:01 PM
4/24/2018	24.0	24.0	0.0	0.0	
4/25/2018	24.0	24.0	0.0	0.0	
4/26/2018	24.0	24.0	0.0	0.0	
4/27/2018	24.0	24.0	0.0	0.0	
4/28/2018	24.0	24.0	0.0	0.0	
4/29/2018	24.0	24.0	0.0	0.0	
4/30/2018	24.0	24.0	0.0	0.0	
5/1/2018	24.0	24.0	0.0	0.0	
5/2/2018	24.0	24.0	0.0	0.0	
5/3/2018	24.0	24.0	0.0	0.0	
5/4/2018	24.0	24.0	0.0	0.0	
5/5/2018	24.0	24.0	0.0	0.0	
5/6/2018	24.0	24.0	0.0	0.0	
5/7/2018	24.0	24.0	0.0	0.0	
5/8/2018	24.0	24.0	0.0	0.0	
5/9/2018	24.0	24.0	0.0	0.0	
5/10/2018	24.0	24.0	0.0	0.0	
5/11/2018	24.0	24.0	0.0	0.0	
5/12/2018	24.0	24.0	0.0	0.0	
5/13/2018	24.0	24.0	0.0	0.0	
5/14/2018	24.0	24.0	0.0	0.0	
5/15/2018	24.0	24.0	0.0	0.0	
5/16/2018	24.0	24.0	0.0	0.0	
5/17/2018	24.0	24.0	0.0	0.0	
5/18/2018	9.0	9.0	0.0	0.0	Well Shut-in, turned over to production: 9:01 AM



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REPORTING PERIOD: 8/2/17 to 8/1/18

Affected Facility:

Well Completions

A green well completion with hydraulic fracturing or refracturing occurring at a gas well affected facility. Each gas well affected facility is a single natural gas well.

Well Identification

Hemlock Valley (05-265) 6H

API Well Number:

37-015-23357-00-00

Latitude:

41.832467

Longitude:

-76.190486

Well Category (select from list):

Production

Primary Compliance Method  
(select from list):

Reduced emissions completion



Daily Completion Log

Date	Duration of flowback (hours)	Duration of recovery to the flow line (hours)	Duration of combustion (hours)	Duration of venting (hours)*	Comments
4/9/2018	12.0	12.0	0.0	0.0	Separation Flowback Period begins: 12:01 PM
4/10/2018	24.0	24.0	0.0	0.0	
4/11/2018	24.0	24.0	0.0	0.0	
4/12/2018	24.0	24.0	0.0	0.0	
4/13/2018	24.0	24.0	0.0	0.0	
4/14/2018	24.0	24.0	0.0	0.0	
4/15/2018	24.0	24.0	0.0	0.0	
4/16/2018	24.0	24.0	0.0	0.0	
4/17/2018	24.0	24.0	0.0	0.0	
4/18/2018	24.0	24.0	0.0	0.0	
4/19/2018	17.0	17.0	0.0	0.0	Well Shut-in, 11:01 AM Separation Flowback Period begins: 6:01 PM
4/20/2018	9.0	9.0	0.0	0.0	Well Shut-in, turned over to production: 9:01 AM



40 CFR 60 SUBPART OOOOa | ANNUAL REPORT

REPORTING PERIOD: 8/2/17 to 8/1/18

Affected Facility:

Well Completions

A green well completion with hydraulic fracturing or refracturing occurring at a gas well affected facility. Each gas well affected facility is a single natural gas well.

Well Identification

Hemlock Valley (05-265) 7H

API Well Number:

37-015-23358-00-00

Latitude:

41.832592

Longitude:

-76.190272

Well Category (select from list):

Production

Primary Compliance Method  
(select from list):

Reduced emissions completion



REP/01

## Daily Completion Log

Date	Duration of flowback (hours)	Duration of recovery to the flow line (hours)	Duration of combustion (hours)	Duration of venting (hours)*	Comments
4/25/2018	0.0	0.0	0.0	0.0	
4/26/2018	0.0	0.0	0.0	0.0	
4/27/2018	0.0	0.0	0.0	0.0	
4/28/2018	14.0	11.0	0.0	3.0	Initial Flowback Period Begins: 10:01 AM Separation Flowback Period Begins: 1:01 PM
4/29/2018	24.0	24.0	0.0	0.0	
4/30/2018	24.0	24.0	0.0	0.0	
5/1/2018	24.0	24.0	0.0	0.0	
5/2/2018	24.0	24.0	0.0	0.0	
5/3/2018	24.0	24.0	0.0	0.0	
5/4/2018	24.0	24.0	0.0	0.0	
5/5/2018	24.0	24.0	0.0	0.0	
5/6/2018	24.0	24.0	0.0	0.0	
5/7/2018	24.0	24.0	0.0	0.0	
5/8/2018	24.0	24.0	0.0	0.0	
5/9/2018	24.0	24.0	0.0	0.0	
5/10/2018	24.0	24.0	0.0	0.0	
5/11/2018	24.0	24.0	0.0	0.0	
5/12/2018	24.0	24.0	0.0	0.0	
5/13/2018	24.0	24.0	0.0	0.0	
5/14/2018	24.0	24.0	0.0	0.0	
5/15/2018	24.0	24.0	0.0	0.0	
5/16/2018	24.0	24.0	0.0	0.0	
5/17/2018	24.0	24.0	0.0	0.0	
5/18/2018	24.0	24.0	0.0	0.0	
5/19/2018	24.0	24.0	0.0	0.0	
5/20/2018	24.0	24.0	0.0	0.0	
5/21/2018	24.0	24.0	0.0	0.0	
5/22/2018	24.0	24.0	0.0	0.0	
5/23/2018	8.0	8.0	0.0	0.0	Well Shut-in, turned over to production: 8:01 AM





**40 CFR 60 SUBPART OOOOa | ANNUAL REPORT**  
**REPORTING PERIOD:** 8/2/17 to 8/1/18

*Affected Facility:*

*Well Completions*

A green well completion with hydraulic fracturing or refracturing occurring at a gas well affected facility. Each gas well affected facility is a single natural gas well.

*Well Identification*

Hemlock Valley (05-265) 8H

**API Well Number:**

37-015-23359-00-00

**Latitude:**

41.832453

**Longitude:**

-76.190391

**Well Category (select from list):**

Production

**Primary Compliance Method**

(select from list):

Reduced emissions completion

**REPRO***Daily Completion Log*

Date	Duration of flowback (hours)	Duration of recovery to the flow line (hours)	Duration of combustion (hours)	Duration of venting (hours)*	Comments
4/4/2018	12.0	12.0	0.0	0.0	Separation Flowback Period begins: 12:01 PM
4/5/2018	24.0	24.0	0.0	0.0	
4/6/2018	24.0	24.0	0.0	0.0	
4/7/2018	24.0	24.0	0.0	0.0	
4/8/2018	24.0	24.0	0.0	0.0	
4/9/2018	24.0	24.0	0.0	0.0	
4/10/2018	24.0	24.0	0.0	0.0	
4/11/2018	24.0	24.0	0.0	0.0	
4/12/2018	24.0	24.0	0.0	0.0	
4/13/2018	24.0	24.0	0.0	0.0	
4/14/2018	24.0	24.0	0.0	0.0	
4/15/2018	24.0	24.0	0.0	0.0	
4/16/2018	16.0	16.0	0.0	0.0	Well Shut-in: 12:01 PM Separation Flowback period begins: 8:01 PM
4/17/2018	19.5	19.5	0.0	0.0	Well Shut-in: 7:31 AM Separation Flowback period begins: 12:01 PM
4/18/2018	12.5	12.5	0.0	0.0	Well Shut-in, turned over to production: 12:31 PM



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REPORTING PERIOD: 8/2/17 to 8/1/18

Affected Facility:

Well Completions

A green well completion with hydraulic fracturing or refracturing occurring at a gas well affected facility. Each gas well affected facility is a single natural gas well.

Well Identification

Hemlock Valley (05-265) 9H

API Well Number:

37-015-23360-00-00

Latitude:

41.832547

Longitude:

-76.190311

Well Category (select from list):

Production

Primary Compliance Method

(select from list):

Reduced emissions completion



REP/OL

## Daily Completion Log

Date	Duration of flowback (hours)	Duration of recovery to the flow line (hours)	Duration of combustion (hours)	Duration of venting (hours)*	Comments
4/20/2018	13.0	0.0	0.0	13.0	Initial Flowback Period 11:01 AM Separation Flowback Period begins: 10:31 PM
4/21/2018	24.0	1.5	0.0	22.5	
4/22/2018	24.0	24.0	0.0	0.0	
4/23/2018	24.0	24.0	0.0	0.0	
4/24/2018	24.0	24.0	0.0	0.0	
4/25/2018	24.0	24.0	0.0	0.0	
4/26/2018	24.0	24.0	0.0	0.0	
4/27/2018	24.0	24.0	0.0	0.0	
4/28/2018	24.0	24.0	0.0	0.0	
4/29/2018	24.0	24.0	0.0	0.0	
4/30/2018	24.0	24.0	0.0	0.0	
5/1/2018	24.0	24.0	0.0	0.0	
5/2/2018	24.0	24.0	0.0	0.0	
5/3/2018	24.0	24.0	0.0	0.0	
5/4/2018	24.0	24.0	0.0	0.0	
5/5/2018	24.0	24.0	0.0	0.0	
5/6/2018	24.0	24.0	0.0	0.0	
5/7/2018	24.0	24.0	0.0	0.0	
5/8/2018	24.0	24.0	0.0	0.0	
5/9/2018	24.0	24.0	0.0	0.0	
5/10/2018	24.0	24.0	0.0	0.0	
5/11/2018	24.0	24.0	0.0	0.0	
5/12/2018	24.0	24.0	0.0	0.0	
5/13/2018	24.0	24.0	0.0	0.0	
5/14/2018	24.0	24.0	0.0	0.0	
5/15/2018	24.0	24.0	0.0	0.0	
5/16/2018	15.0	15.0	0.0	0.0	Well Shut-in, turned over to production: 9:01 AM



40 CFR 60 SUBPART OOOOa | ANNUAL REPORT  
REPORTING PERIOD: 8/2/17 to 8/1/18

Affected Facility:

Well Completions

A green well completion with hydraulic fracturing or refracturing occurring at a gas well affected facility. Each gas well affected facility is a single natural gas well.

Well Identification

Hemlock Valley (05-265) 10H

API Well Number:

37-015-23361-00-00

Latitude:

41.832500

Longitude:

-76.190351

Well Category (select from list):

Production

Primary Compliance Method

(select from list):

Reduced emissions completion



Daily Completion Log

Date	Duration of flowback (hours)	Duration of recovery to the flow line (hours)	Duration of combustion (hours)	Duration of venting (hours)*	Comments
3/29/2018	9.0	9.0	0.0	0.0	Separation Flowback Period begins: 3:00 PM
3/30/2018	24.0	24.0	0.0	0.0	
3/31/2018	24.0	24.0	0.0	0.0	
4/1/2018	24.0	24.0	0.0	0.0	
4/2/2018	24.0	24.0	0.0	0.0	Well Shut-in: 10:01 AM Separation Flowback Period begins: 10:05 AM
4/3/2018	24.0	24.0	0.0	0.0	
4/4/2018	24.0	24.0	0.0	0.0	
4/5/2018	24.0	24.0	0.0	0.0	
4/6/2018	24.0	24.0	0.0	0.0	
4/7/2018	24.0	24.0	0.0	0.0	
4/8/2018	24.0	24.0	0.0	0.0	Well Shut-in, turned over to production: 10:01 AM
4/9/2018	14.0	14.0	0.0	0.0	



**40 CFR 60 SUBPART OOOOa | ANNUAL REPORT**  
**REPORTING PERIOD:** 8/2/17 to 8/1/18

*Affected Facility:*

*Well Completions*

A green well completion with hydraulic fracturing or refracturing occurring at a gas well affected facility. Each gas well affected facility is a single natural gas well.

*Well Identification*

DCNR 594 (02-205) 2H

**API Well Number:**

37-117-21824-00-01

**Latitude:**

41.639812

**Longitude:**

-77.113253

**Well Category (select from list):**

Production

**Primary Compliance Method  
(select from list):**

Reduced emissions completion



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## Daily Completion Log

Date	Duration of flowback (hours)	Duration of recovery to the flow line (hours)	Duration of combustion (hours)	Duration of venting (hours)*	Comments
10/23/2017	2.0	0.0	0.0	2.0	Initial Flowback Period begins: 10:00 PM
10/24/2017	24.0	11.0	0.0	13.0	Separation Flowback Period begins: 1:00 PM
10/25/2017	24.0	24.0	0.0	0.0	
10/26/2017	24.0	24.0	0.0	0.0	
10/27/2017	24.0	24.0	0.0	0.0	
10/28/2017	24.0	24.0	0.0	0.0	
10/29/2017	24.0	24.0	0.0	0.0	
10/30/2017	24.0	24.0	0.0	0.0	
10/31/2017	21.5	21.5	0.0	0.0	Well Shut-in: 10:31 AM Separation Flowback Period begins: 1:01 PM
11/1/2017	24.0	24.0	0.0	0.0	
11/2/2017	24.0	24.0	0.0	0.0	
11/3/2017	24.0	24.0	0.0	0.0	
11/4/2017	24.0	24.0	0.0	0.0	
11/5/2017	24.0	24.0	0.0	0.0	
11/6/2017	24.0	24.0	0.0	0.0	
11/7/2017	24.0	24.0	0.0	0.0	
11/8/2017	24.0	24.0	0.0	0.0	
11/9/2017	24.0	24.0	0.0	0.0	
11/10/2017	24.0	24.0	0.0	0.0	
11/11/2017	24.0	24.0	0.0	0.0	
11/12/2017	24.0	24.0	0.0	0.0	
11/13/2017	24.0	24.0	0.0	0.0	
11/14/2017	24.0	24.0	0.0	0.0	
11/15/2017	24.0	24.0	0.0	0.0	
11/16/2017	18.0	18.0	0.0	0.0	Well Shut-in: 8:01 AM Separation Flowback Period begins: 12:01 PM Well Shut-in: 6:31 PM Separation Flowback Period begins: 8:31 PM
11/17/2017	15.3	15.3	0.0	0.0	Well Shut-in: 8:01 AM Separation Flowback Period begins: 4:45 PM
11/18/2017	11.0	11.0	0.0	0.0	Well Shut-in: 11:01 AM
11/19/2017	8.0	8.0	0.0	0.0	Separation Flowback Period begins: 4:01 PM



11/20/2017	22.0	22.0	0.0	0.0	Well Shut-in: 2:01 PM Separation Flowback Period begins: 4:01 PM
11/21/2017	24.0	24.0	0.0	0.0	
11/22/2017	24.0	24.0	0.0	0.0	
11/23/2017	24.0	24.0	0.0	0.0	
11/24/2017	9.0	9.0	0.0	0.0	Well Shut-in, turned over to production: 9:01 AM



REPORT

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REPORTING PERIOD: 8/2/17 to 8/1/18

Affected Facility:

Well Completions

A green well completion with hydraulic fracturing or refracturing occurring at a gas well affected facility. Each gas well affected facility is a single natural gas well.

Well Identification

DCNR 594 (02-205) 4H

API Well Number:

37-117-21825-00-01

Latitude:

41.639892

Longitude:

-77.113225

Well Category (select from list):

Production

Primary Compliance Method  
(select from list):

Reduced emissions completion

**REPRO****Daily Completion Log**

<b>Date</b>	<b>Duration of flowback (hours)</b>	<b>Duration of recovery to the flow line (hours)</b>	<b>Duration of combustion (hours)</b>	<b>Duration of venting (hours)*</b>	<b>Comments</b>
10/24/2017	10.0	2.0	0.0	8.0	Initial Flowback Period begins: 2:01 PM Separation Flowback Period begins: 10:01 PM
10/25/2017	24.0	24.0	0.0	0.0	
10/26/2017	24.0	24.0	0.0	0.0	
10/27/2017	24.0	24.0	0.0	0.0	
10/28/2017	24.0	24.0	0.0	0.0	
10/29/2017	24.0	24.0	0.0	0.0	Well Shut-in: 10:31 AM Separation Flowback Period begins: 1:01 PM
10/30/2017	24.0	24.0	0.0	0.0	
10/31/2017	21.5	21.5	0.0	0.0	
11/1/2017	24.0	24.0	0.0	0.0	
11/2/2017	24.0	24.0	0.0	0.0	
11/3/2017	24.0	24.0	0.0	0.0	
11/4/2017	24.0	24.0	0.0	0.0	
11/5/2017	24.0	24.0	0.0	0.0	
11/6/2017	24.0	24.0	0.0	0.0	
11/7/2017	24.0	24.0	0.0	0.0	
11/8/2017	24.0	24.0	0.0	0.0	
11/9/2017	24.0	24.0	0.0	0.0	
11/10/2017	24.0	24.0	0.0	0.0	
11/11/2017	24.0	24.0	0.0	0.0	
11/12/2017	24.0	24.0	0.0	0.0	
11/13/2017	24.0	24.0	0.0	0.0	
11/14/2017	24.0	24.0	0.0	0.0	
11/15/2017	24.0	24.0	0.0	0.0	
11/16/2017	16.0	16.0	0.0	0.0	
11/17/2017	7.0	7.0	0.0	0.0	
11/18/2017	13.0	13.0	0.0	0.0	Well Shut-in: 7:01 AM Separation Flowback Period begins: 8:31 PM
11/19/2017	23.0	23.0	0.0	0.0	Well Shut-in: 6:01 AM Separation Flowback Period begins: 7:01 AM

11/20/2017	22.5	22.5	0.0	0.0	Well Shut-in: 12:31 PM Separation Flowback Period begins: 2:01 PM
11/21/2017	24.0	24.0	0.0	0.0	
11/22/2017	24.0	24.0	0.0	0.0	
11/23/2017	24.0	24.0	0.0	0.0	
11/24/2017	9.0	9.0	0.0	0.0	Well Shut-in, turned over to production: 9:01 AM